MP 5 0 1838

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket No: MSA-004.01

In re patent application of

Duff, Gordon W. et al.

Serial No. 09/247,874

Filed: February 10, 1999

For: THERAPEUTIC AND DIAGNOSTIC BASED ON A NOVEL IL-1B MUTATION

STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE WITH 37 C.F.R. §§ 1.821-1.825

Assistant Commissioner for Patents Washington, D.C. 20231
Box SEQUENCE

Sir:

In connection with a Sequence Listing submitted concurrently herewith, the undersigned hereby states that:

- 1. the submission, filed herewith in accordance with 37 $\text{C.F.R.} \ \S \ 1.821(q)$, does not include new matter;
- 2. the content of the attached paper copy and the attached computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same; and
- 3. all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United

Serial No. 09/247,874

States Code and that such willful false statements may jeopardize the validity of the application or any patent resulting therefrom.

Respectfully submitted,

A. Coburn

James/

HARBOR CONSULTING

Intellectual Property Services
1500A Lafayette Road
Suite 262
Portsmouth, N.H.
800-318-3021

Application No.: 89/24 7874

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

AUG 2 0 1939	 This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.82 attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 at 18230, May 1, 1990. 	nu at s	99 FK					
The state of the s	This application does not contain, as a separate part of the disclosure on paper cop Listing" as required by 37 C.F.R. 1.821(c).	y, a "S	Seque	nce				
	3. A copy of the "Sequence Listing" in computer readable form has not been submitted 37 C.F.R. 1.821(e).	l as re	quired	i by				
\boxtimes	4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."							
	5. The computer readable form that has been filed with this application has been found and/or unreadable as indicated on the attached CRF Diskette Problem Report. A S computer readable form must be submitted as required by 37 C.F.R. 1.825(d).	d to be substit	e dama ute	aged				
	6. The paper copy of the "Sequence Listing" is not the same as the computer readable "Sequence Listing" as required by 37 C.F.R. 1.821(e).	∍ from	of the	1				
	7. Other:		18 78					
A	wlicent Must Provide:		7.3					
Ар	plicant Must Provide:		1.3					
×	An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".		် : သူသ မော					
X	An initial or substitute paper copy of the "Sequence Listing", as well as an amendmen into the specification.	t direc	źting its	s entry				
X	A statement that the content of the paper and computer readable copies are the same applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.825(b) or 1.825(d).	∍ and, 321(g)	where or	;				
Fo	r questions regarding compliance to these requirements, please contac	t:						
Fo	r Rules Interpretation, call (703) 308-4216 r CRF Submission Help, call (703) 308-4212 ItentIn Software Program Support (SIRA)							
	Technical Assistance							

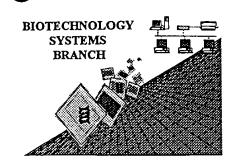
PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

2 Schnizer

RAW SEQUENCE LISTING ERROR REPORT



Date Processed by STIC:



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/241/874

Art Unit / Team No.: /632

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212



Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION SERIAL NUMBER: 09/247,879

A11111	Wrapped Nucleics	LEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE The number/text at the end of each line "wrapped" down to the next line.
	торро-	This may occur if your file was retrieved in a word processor after creating it.
		Please adjust your right margin to .3, as this will prevent "wrapping".
,	Wrapped Aminos	The amino acid number/text at the end of each line "wrapped " down to the next line.
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	This may occur if your file was retrieved in a word processor after creating it.
		Please adjust your right margin to .3, as this will prevent "wrapping".
	Incorrect Line Length	The rules require that a line not exceed 72 characters in length. This includes spaces.
ı	Misaligned Arnino Acid	The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
· —	Numbering	between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
i.	Non-ASCII	This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
· ———		Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
5	Variable Length	Sequence(s) contain n's or Xaa's which represented more than one residue.
		As per the rules, each n or Xaa can only represent a single residue.
		Please present the maximum number of each residue having variable length and
		indicate in the (ix) feature section that some may be missing.
,	Patentin ver. 2.0 "bug"	A "bug" in Patentln version 2.0 has caused the <220>-<223> section to be missing from amino acid
	Pateritin ver. 2.0 bug	sequence(s) . Normally, Patentin would automatically generate this section from the
		previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
		to the subsequent amino acid sequence.
3	Skipped Sequences	Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
	(OLD RULES)	(2) INFORMATION FOR SEO ID NO:X:
		(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
		(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
		This sequence is intentionally skipped
		Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
9	Skipped Sequences	Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
	(NEW RULES)	<210> sequence id number
1		<400> sequence id number
		000
$_{\circ}$ \bigvee	Use of n's or Xaa's	Use of n's and/or Xaa's have been detected in the Sequence Listing.
	(NEW RULES)	Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
		In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
1	Use of <213>Organism	Sequence(s) are missing this mandatory field or its response.
	(NEW RULES)	
2	Use of <220>Feature	Sequence(s) are missing the <220>Feature and associated headings.
	(NEW RULES)	Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
		Please explain source of genetic material in <220> to <223> section.
		(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
3 _	Patentin ver. 2.0 "bug"	Please do not use "Copy to Disk" function of Patentin version 2.0. This causes a corrupted
		file resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
		Instead, please use "File Manager" or any other means to copy file to floppy disk.
		AKS-Biotechnology Systems Branch- 5/15/99

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/247,874

DATE: 06/15/1999 TIME: 11:56:38

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This Raw Listing contains the General Information Section and up to first 5 pages.

25 or p4, to

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194

AGE: 5 RAW SEQUENCE LISTING

PATENT APPLICATION US/09/247,874 TIME: 11:56:38

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DATE: 06/15/1999

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ase Note:

e of n and/or Xaa have been detected in the Sequence Listing. Please review the

quence Listing to ensure that a corresponding explanation is presented in the <220> to

123> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARYDATE: 06/15/1999PATENT APPLICATION US/09/247,874TIME: 11:56:38

Input Set: I247874.RAW

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